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O C T O B E R

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MEETING NOTICE - Pikes Peak Radio Amateur Association will meet this month on October 8th at 7:30 P.M. in the Security Savings & Loan Building, East Platte at Union Boulevard. Any person interested in amateur radio is invited to attend.

ELECTION TIME - The main item of interest at the October meeting will be the election of a board of directors and officers for the coming year. According to election procedure, the new directors are first elected and then from the elected and incumbent directors, club members vote for the officers. Directors serve a two year term while officers serve a one year term. To help in the election procedure, PPRAA has a nomination committee to pick members they recommend for the board and as officers. In addition, any club member meeting the qualifications can be nominated at the election meeting by another club member. If you have someone in mind that you think will make a good director and/or officer and who is willing to serve, the nomination will be most welcome.

Nominees for the board of directors picked by the nominating committee, headed by Ed Pompea, KØZPG, are Dean Jaynes, WAØPJH, Ken Keyte, WØTGL, Paul Snowden, WØHFX, and Bill Krogan, WBØKSW. From these nominees plus any others nominated from the floor, the members will vote for four directors. Then from the newly elected directors and the incumbent four directors the members will pick the officers for the coming year. The incumbent directors, who still have one more year to serve, are Chuck Myers, WAØZCS, Bart Hayhurst, WAØYOH, Pete Demario, KØUDG, and Bob Tate, WBØJTZ.

The following persons will be recommended by the nominating committee for these offices: President, Bob Tate; Vice-President, Chuck Myers; Secretary, Bart Hayhurst; and Treasurer, Dean Jaynes. All have agreed to serve in these capacities if elected. You don't agree with some of the nominating committee's recommendations? Then be at the October meeting to make your own nominations and, above all, to vote. The persons elected at this meeting will govern PPRAA for the coming year and will decide if PPRAA will keep its place as one of the top amateur radio clubs in this area or fade away to just a memory. Can you afford not to be there to cast your votes?

ZERO BEAT

Published in the interest of the members of the Pikes Peak Radio Amateur Association, Inc. Colorado Springs, Colorado

R. Charles Smith, WAØZZS
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The PPRAA meets at 7:30 P.M. on the second Wednesday of each month in the Security Savings & Loan Building, East Platte at Union Boulevard.

PPRAA DIRECTORS

PRESIDENT

Mike Stansberry WBØHCK
2732 E. Monument 475-8650

VICE PRESIDENT

Chuck Myers WAØZCS
1120 Yosemite Dr, 632-0848

SECRETARY

Bart Hayhurst WAØYOH
1219 Oswego 635-1632

TREASURER

Dean Jaynes WAØPJH
116 N. 24th St. 634-7097

BOARD MEMBERS

Pete Demario KØUDG
1310 Kingsley Dr. 596-3633

James DonCarlos WØITU
4118 Garret Place 598-8930

Russ Ruggieri WBØGKF
3929 E. San Miguel 596-3039

Bob Tate WBØJTZ
4523 Palmer Park 596-5002

NEW CHIEF OF FCC'S AMATEUR AND CITIZENS DIVISION is John Johnston, K3BNS. The announcement was made during the FCC Forum at the ARRL National Convention in Reston, Virginia September 14th by FCC Safety and Special Services Bureau Chief, Charles Higginbotham. Charlie said the choice had been made official by the Commissioners only a few days earlier. Johnston's selection was a natural and will be widely welcomed by the Amateur fraternity. John had already established a fine track record with the Amateur and Citizens when he served there as Chief of the Rules and Legal Branch. He left Amateur and Citizens just a year ago to become Deputy Chief of the Spectrum Management Task Force. He originally joined FCC in 1972. September 29th saw John moving into his new office and new responsibilities. His is a very timely arrival in light of the pending restructuring and other Amateur-related dockets, the CB explosion and on-going plans for the World Administrative Radio Conference in 1979. He's got himself a job and a half, and we join Amateurs everywhere in wishing him every success.

HR REPORT

SEPTEMBER MINUTES by Bart Hayhurst, WAØYOH, Secretary: The September meeting of the PPRAA was held on September 10, 1975 at the Security Savings and Loan Building, Union and Platte....Meeting was called to order by the President, Mike Stansberry, WBØHCK at 7:40 P.M. with 40 members and guests attending.... Chuck Myers, WAØZCS is working on the "HOT LIST", anyone having knowledge of stolen equipment report it to Chuck. Chuck also reported the next meeting

of CCARC will be held on October 18th, 1:30 P.M. at the Red Cross buildingBill Krogan, WBØKSW reported that novice classes will start the second week of October and details about the moving of the PPRAA club station to the Colorado Electronics Technical College. In order for the club to use this location we will have to sponsor an explorer group. A motion was made and carried to empower the Board of Directors to accept the new station location if they deem it satisfactory.....James DonCarlos, WØITU is PCSing on November 1st and Charlie Barrett, WBØOCJ volunteered to take over Don's distribution of ZERO BEAT.....Rudy Falls, Manager of the Pikes Peak Marathon Race, gave a very nice talk and showed a movie, of which, I hope, at least some took heed and quit smoking, Hi!.....Elections in October!!.....Meeting was adjourned at 9:45 P.M.

DUTCH ABOLISH CB SERVICE in the Netherlands after widespread abuses convince officials that cleanup is impractical. All 27 MHz licenses have been revoked, and mobile monitoring vans have been shutting down illegal stations by marching in the door and confiscating their equipment. The nationwide crackdown, reported in Dutch papers as being against "illegal radio amateurs" (demonstrating that media confusion as to who's a ham and who is something else is not a uniquely American problem) has been understood to be quite effective. Legitimate business users of 27 MHz have been told to apply for assignments in the business bands, while hobbyists are to be offered a no-code "Communicator type" Amateur Radio license with an elementary written exam which will permit them to operate on six channels in the two meter band. Initially it was proposed to put six hobby CB channels in the Dutch two meter band, but strenuous objections from the Dutch Amateur Radio community squelched that (another familiar sounding problem).

HR REPORT

RTTY ENTHUSIASTS are warned that parts for Teletype Models 14, 15, 19 and 20 are going to become harder to get in the near future. Teletype Corporation has announced they'll stop accepting orders for all replacement parts for those models December 1, 1975, so better order spares now. Questions or orders can go to Teletype, 5555 Touhy Avenue, Skokie, Illinois 60076, Attn: R.A. Morton, Department 3121 - Phone 312-982-2168. Thanks to W8KAJ for the information.

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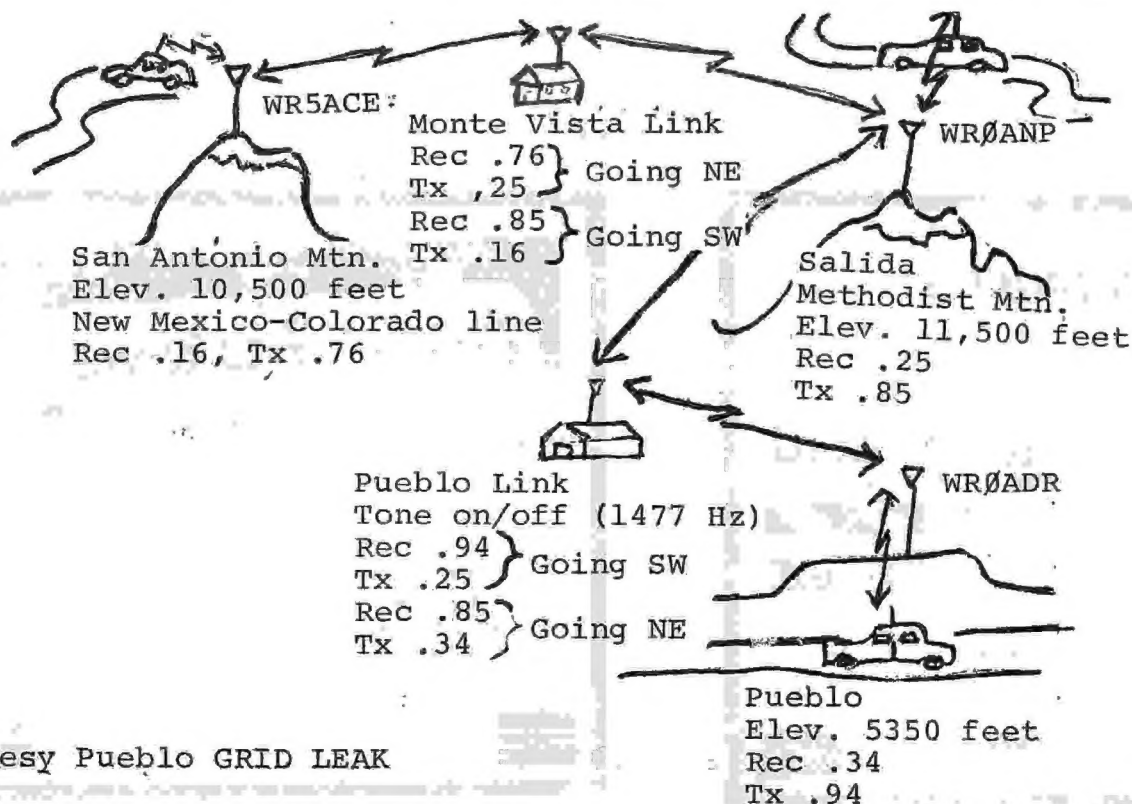
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REPEATER COLUMN by Bob Heptig, KØPHF: For the first time this year since I have been repeater chairman, I have something to talk about in this column. Usually about all I have to say is the repeater is working fine or terrible, whichever the case may be. Last week, for the first time, two other repeaters were linked up to our 34/94 machine here in Pueblo. The first link up took place about a month ago when Vic Beaver, WØKVX made the trip up Methodist Mountain and put his repeater on the air. I had the link repeater ready to go, so immediately installed it at the site and away we go. Now, thru the link, it is possible to operate the Pueblo machine from behind the front range. The coverage should be from around Creede, south to Alamosa plus east and west of that line up to 100 miles. This is old stuff however as this was done several years ago before the new repeater licensing structure came into effect.

Everything worked so well that Paul, WAØBAG in Monte Vista fired up his link repeater that linked the 25/85 Methodist Mountain repeater to the San Antonio Mountain repeater on 16/76. This again extends the range of the Pueblo machine for another 200 miles. Therefore it is now possible to drive from Pueblo to Santa Fe, New Mexico, all the while being able to communicate with the wife you left here in Pueblo. Phone patches of course, will not be possible when using the link. To access the system is very simple. A tone of 1477 Hz will turn the link on or off. This would be the 3 and 6 buttons pressed at the same time on your tone pad. Also a tone incoder, which is about the size of a cigarette pack, is available. For more information on this, call me on the phone sometime.

If, after turning the link on, you forget to shut it off, it will shut itself off in one minute if there is no activity on any of the repeaters. The link can be activated from any of the three repeaters involved. That is 34/94, Pueblo; 25/85, Salida; or 16/76, Monte Vista. A single tone of 1477 Hz for about 1 second should do the job fine from any of the areas. If there are any questions about the system feel free to call me by phone, radio or eyeball any time. For those who are thoroughly confused by all these repeaters and links, I have drawn a rough sketch below of the entire system:



Courtesy Pueblo GRID LEAK

FOR SALE: Genave GTX-200 (2 meter transceiver) 1 watt/30 watt power, built in pre-amp, crystals for 16/76, 28/88, 37/97, 34/94/ 52/52 and 94/94. Phone Ed, K5RSO/Ø at 472-1341.

WANTED: A multi-band AM mobile receiver. Lew Meyland, Phone 632-1202.

FOR SALE: Tel-tone touch tone receiver, 12 button or terminate, 600 ohm input, decimal or binary output, \$150.00. One 10 button touch-tone receiver, bridge or terminate, 600 ohm input, \$50.00. Four touch tone 12 button dials, \$10.00 each. Phone Bob Jones, WØOXJ, 778-8755 (work) or 750-4053 (home) or Myron, WA8GUB/Ø at 635-0492.

FOR SALE: Swan 350 transceiver, late model with power supply, rack mounts, and micromatch wattmeter. Walt Alsleben, WB5LGD/Ø, phone 599-5407.


FOR SALE: Drake TR-22 2 meter transceiver, numerous crystals, very good condition, \$169.00. Pete, KØUDG, phone 475-9666.

WANTED: Hy-Gain 14AVQ or 18AVQ antenna. Charles Smith, WAØZZS, Phone 635-7353.

THE OLD BALDY TURNPIKE by Larry Rice, WBØKDN: Barry Cook, WØMOG, Oak Stockton, KØROL, Rick Simpson, KØUZP, Ida Demario, WAØNTA and Chas. Barrett, WBØOCJ have 4 wheel drive workhorses that shuttled various PPRAA members up the Old Baldy Turnpike to the "casket" site of our 37/97 repeater at about 12,300 feet in order to provide amateur radio public service communications westward from the front range. Tests prove we can help the lost hunter, cross country skier, downed aircraft or other emergency better than before.

Hopefully, the winterized 37/97 package will stay on the air during the severe weather ahead. In short, the 37/97 repeater is an IC 21, modified to repeat with about seven watts through a 6 cavity duplexer into a 9db gain, 4 bay J pole, oriented to the northwest. A 1477Hz tone access is incorporated in the repeater for such time as if or when we will have to go to tone accessing. Please be careful about punching any two buttons simultaneously in the third vertical column of a standard touch tone pad for you may shut down the repeater. It is a long, rough trip up there, if you can get there at all, to put the repeater back in service.

Also, we ordered a 450 repeater (443.45 in, 448.45 out) to go alongside the 37/97 repeater. Another 450 repeater (443.80 in, 448.80 out) is all ready and operational from Cheyenne Mountain. We do hope to link 37/97 with auto patch. The ground link is already built and operational. After the spring thaw, we also hope to link up with Clayton, New Mexico. Finally, the FM repeater committee and PPRAA will appreciate continued support toward further improvements to make our VHF/UHF amateur radio public service second to none.



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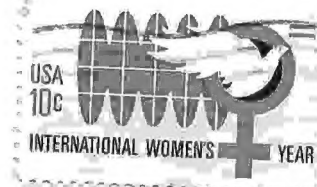
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OCTOBER
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James DonCarlos
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